

S-E-C-R-E-T

LIST OF RESEARCH PROJECTS PUBLISHED AND SCHEDULED
RELATING TO ELECTRONICS AND TELECOMMUNICATIONS

RESEARCH AID

EIC - ETSC - RA4

8 August 1957

EIC SUBCOMMITTEE ON ELECTRONICS AND TELECOMMUNICATIONS

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THE EIC SUBCOMMITTEE ON ELECTRONICS AND TELECOMMUNICATIONS

LIST OF RESEARCH PROJECTS PUBLISHED AND SCHEDULED

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EIC-ETSC-RA4

I. Army, US Army Signal Intelligence Agency.

A. Published Since June 1955:

1. Contributions to NIS Section 64I:

NIS-39	CHINA	Jun 1955
NIS-37	CEYLON	Oct 1955
NIS-39	TAIWAN	Sep 1955
NIS-39	HONG KONG	Sep 1955
NIS-71	GUATEMALA	Sep 1955
NIS-22	RUMANIA	Oct 1955
NIS-50	NIGERIA	Nov 1955
NIS-19	HUNGARY	Feb 1956
NIS-3	FRANCE	Apr 1956
NIS-89	CHILE	Jun 1956
NIS-23	BULGARIA	Aug 1956

2. Signal Technical Intelligence Studies:

TURKEY	Jul 1955
YUGOSLAVIA	Jul 1955
EAST GERMANY (Rev.)	Oct 1955
PORTUGAL	Feb 1956
NORWAY	Mar 1956
SWEDEN	Apr 1956
DENMARK	Aug 1956

3. Special Studies:

S-65-55	The Electronic Production Capability of the Soviet Bloc	Jul 1955
S-107-56	International Telecommunications Circuits	Feb 1956

S-138-57	International Submarine Cables Sep 1955
S-129-56	Soviet Bloc Production of Electronic Test Equipment Oct 1955
S-118-56	Reliability of Soviet Electronic Components Apr 1956
S-95-57	Soviet Electronic Research Trends Apr 1956
S-120-56	Sino-Soviet Bloc Microwave System May 1956

B. Studies Planned for Future Publication:

1. FY '57, Contributions to NIS Section 64I:

NIS-17	ITALY
NIS-41A	N. KOREA
NIS-100A	REPUBLIC OF INDONESIA
NIS-18	CZECHOSLOVAKIA
NIS-11	SWEDEN
NIS-61	S. AFRICA

25X6 [REDACTED]

2. FY '57, Signal Technical Intelligence Studies:

FINLAND
IRAQ
25X6 TAIWAN
FRANCE
[REDACTED]
25X6
EGYPT
[REDACTED]
INDONESIA
INDIA
PAKISTAN

3. FY '57, Special Studies:

S-96-57	Soviet Electronic Imports Since 1954
S-146-57	Production of Electronic Equipment in Sino- Soviet Bloc

4. FY '58, Contributions to NIS Section 64I:

NIS-14	POLAND
NIS-21	YUGOSLAVIA
NIS-85	COLOMBIA
NIS-93	BOLIVIA
NIS-12	FINLAND
NIS-26	USSR
NIS-4	NETHERLANDS

5. FY '58, Signal Technical Intelligence Studies:

MOROCCO
IRAN
ALGERIA
TUNISIA
LIBYA
AFGHANISTAN
SYRIA
LEBANON
JORDAN

6. FY '58, Special Studies:

S-129-58	Reliability of Soviet Bloc Electronic
S-155-58	Components and Equipment
S-133-58	Soviet Industrial Techniques and Processes (Revision of S-146-57)

7. FY '59, Contributions to NIS Section 64I:

NIS-9	SPAIN
NIS-13A	E. GERMANY
NIS-16	AUSTRIA
NIS-39A	COMMUNIST CHINA
NIS-70	MEXICO
NIS-90	ARGENTINA

8. FY '59, Signal Technical Intelligence Studies:

BURMA
THAILAND
FRENCH INDO-CHINA
MONGOLIA
COMMUNIST CHINA
PHILIPPINES
AUSTRIA

25X6

II. Navy

A. Published Since June 1955:

ONI 26-20	Soviet Developments in Radio Direction Finding	Jul 1955
ONI 26-19	Recent Developments in Soviet Military Electronics	Aug 1955
ONI 26-21	Radiation Characteristics of Electronic Equipments	Jun 1956
Supplement A	Soviet Shipborne Communication Equipment	Nov 1955
ONI 26-11	Soviet Shipborne Radar	Nov 1955
ONI IR 10-S-56	Evaluation of Certain Soviet Marine Electronic Equipment	Apr 1956

III. Air Force, Telecommunications.

A. Published Since June 1955:

IR-1446-56	The Administrative and Operational Structure of the USSR Communications (U)	Jun 1956
IR-1449-56	USSR Radio Service (U)	Jun 1956

B. Studies Planned for Future Publication:

IR No. not assigned to date.	Micro-wave Radio Relay Systems of the USSR (U)
Discussion Stage	Communications Systems of Middle Asia

IV. Air Force, Electronics.

A. Published Since June 1955:

An Air Target Study of Soviet Bloc Industrial
Resources: Electron Tubes

Plant List, Soviet Bloc Electron Tube
Industry

Plant List, Soviet Bloc Radio and Television
Equipment Industry

B. Studies Planned for Future Publication:

TAD 56-181 A Study of the Radar Equipment Industry of
the Soviet Bloc May 1957

TAD 56-179 A Study of USSR Production of Selected
Radio Equipment [REDACTED] 25X1B
Jun 1957

TAD 56-180 A Study of USSR Production of Selected
Electronic Components [REDACTED] 25X1B
Jun 1957

A Study of Soviet Bloc Requirements for
Military Electronic Equipment, 1955-1960

V. Air Force, ATIC.

A. Project Activity as of 15 October 1956:

20043	Evaluation of Foreign Electronic Equipment
20080	Technical Intelligence Aspects of East-West Embargo Items
20086	Radar and Infrared Camouflage Technology
20087	Soviet Magnetrons, Klystrons and Travelling Wave Tubes
20088	Electronic Aspects of Soviet Solid-State Physics Research
20089	Soviet Electronic Components

20091	Significant Foreign Developments in Electronic Warfare
21002	Analysis of a Soviet Intercommunication Amplifier
21003	Evaluation of Decimeter Equipment RVG 904B and RVG 905B
21005	Flight Test and Evaluation of Soviet RSB-F Radio Equipment
22002	Analysis of Foreign Radio Altimeter and Marker Beacon Receivers
23001	Soviet Airborne and Ground Radar Capabilities
23002	Analysis of the "Yo-Yo" and Associated Electronic Equipment
23003	Electronic Aspects of Soviet Surface-to-Surface Missile Guidance
23004	Electronic Aspects of Soviet Surface-to-Air Missile Guidance
23005	Electronic Aspects of Soviet Air-to-Surface Missile Guidance
28001	Status of Electronic Research and Its Development in the USSR and Its Satellites
28002	Soviet Electronics Capabilities
30037	Investigation of Foreign Fire Control Equipment
30066	Status of Tech of A/C and GM Mech Equipment in USSR, Satellites and Others
34008	Monitoring Electron Tube Production and Materials Information
34013	Critical Aspects of GM Guidance and Control Systems Manufacture
10201	Railroad Radar (AN-FPS-17)
12003	An Air-to-Ship Missile Guidance System

VI. CIA.

A. Projects Published Since June 1955:

CIA/RR (FM) RA-3	Electrical Components Factory No. 266 Aug 1955
CIA/RR (FM) RA-4	Electrical Equipment Factory ATEI Aug 1955
CIA/RR (FM) RA-6	Electrical Components Factory KATEK Aug 1955
CIA/RR (FM) RA-7	Podol'sk Battery Factory Aug 1955
CIA/RR (FM) RA-9	Electron Tube Factory Shchelkovo May 1956
CIA/RR (FM) RA-10	Moscow Electrolamp Factory May 1956
CIA/RR (FM) RA-11	Electron Tube Factory Novosibirsk May 1956
CIA/RR (FM) RA-12	Electron Tube Factory Tashkent May 1956
CIA/RR (FM) RA-13	Electron Tube Factory Svetlana No. 211 May 1956
CIA/RR (FM) RA-14	Radio Factory No. 590 May 1956
CIA/RR (FM) RA-15	Radio and Television Factory No. 616 May 1956
CIA/RR (FM) RA-16	Radio Factory No. 197 May 1956
CIA/RR (FM) RA-17	Moscow Radio Factory Sokol May 1956
CIA/RR (FM) RA-18	Radio Factory No. 203 Sarapul May 1956
CIA/RR (FM) RA-19	Selected Electronic and Communications Equipment Factories May 1956

CIA/RR 71	Trends in the Electrotechnical Industry of the Soviet Bloc Mar 1956
CIA/RR 80	The Electrical Machinery Industry of the Soviet Bloc Sep 1956
-----	EIC Subcommittee on Electronics and Telecommunications: List of Key Personnel in the Electrotechnical Industry of the USSR Aug 1956
CIA/RR IM-444	Major Telecommunications Goals of the Soviet Sixth Five Year Plan (1956-60) Jan 1957
CIA/RR IP-394 (revised)	Bloc Air Defense Capabilities (ORR Contribution to NIE 11-5-55) Jun 1956
CIA/RR IP-434	Soviet Capabilities and Probable Soviet Courses of Action Through 1961) Apr 1956
CIA/RR IP-457, SI and S2	Economic Aspects of Soviet Guided Missile Programs (ORR Contribution to NIE 11-5-56) Sep 1956
EIC-WP-4	Capabilities and Trends of Soviet Science and Technology (EIC Contribution to NIE 11-6-56) Jun 1956
CIA/SI 82-55	Scientific Research Aid. Checklist of Installations in the USSR Concerned with Electronics, Electrotechnology, Physics and Geophysics. Vol. I Feb 1955
CIA/SI 95-55	Same as above. Vol. II Dec 1955
CIA/SI 78-56	Same as above. Vol. III Feb 1956
CIA/SI 77-50	Academy of Sciences, USSR, Vol. III. The Department of Technical Sciences Feb 1956

NIS-19	Hungary. Section 64, Manufacturing and Construction. (Draft) Mar 1956
NIS-13	E. Germany. Section 64, Manufacturing and Construction. (Draft) Jan 1956
NIS-29	USSR. Section 64, Manufacturing and Construction (Draft) Jan 1956
NIS-22	Rumania. Section 64, Manufacturing and Construction (Draft) Dec 1955

B. Projects Currently Scheduled:

ORR 36.1109	Intel. Memo: Production and Utilization of HF Radio Receivers in the Soviet Bloc Dec 1956*
ORR 36.905	Research Aid: Costs, Prices, and Productivity in the Electrotechnical Industries of the Soviet Bloc Dec 1956*
ORR 36.903	The Electric Wire and Cable Industry of the Soviet Bloc Nov 1956*
ORR 36.900	Research Aid: Methodology for Estimating Production for the Electrotechnical Industries of the Soviet Bloc Jan 1957
ORR 36.597	The Radio Communications Equipment Industry of the Soviet Bloc Feb 1957
ORR 36.904	The Radar Industry of the USSR Mar 1957
ORR 36.902	The Wire Communications Equipment Industry of the Soviet Bloc Jun 1957
ORR 36.1555	The Electric Battery Industry of the Soviet Bloc Jul 1957

* Draft completed and available for review at action Branch.

ORR 36.906	The Production and Distribution of Selected Production Materials for the Bloc Electro- technical Industry Jul 1957
ORR 36.1556	The Electron Tube Industry of the Soviet Bloc (revision to CIA/RR 7-S-1) Sep 1957
ORR 36.1557	Soviet Production of Precision Electrical Machinery (Exploratory)
ORR 10.824	Handbook on Ruble/Dollar Ratios Dec 1956*
ORR 10.1505	Soviet Military Expenditures. (ORR Contribution) May 1957
ORR 00.1508	ORR Contribution to a Guided Missile NIE Jun 1957
ORR 10.1027	NIS- Bulgaria. Chapter VI Mar 1957
ORR 30.1516	NIS- Czechoslovakia. Section 64 Sep 1957
ORR 30.1518	NIS- Poland. Section 64 Jan 1958
ORR 46.1056	Economic Intelligence Survey of Soviet Tele- communications Services Nov 1957
ORR 46.1578	Economic Intelligence Survey of Communist China Telecommunications Services Jul 1957
ORR 46.1579	Economic Intelligence Survey of East German Telecommunications Services Sep 1957

* Draft completed and available for review at action Branch.